architectural
CYBERLIGHT
lighting designer's
ecodome
toolkit

Compelling New Tools for ArchiTextural Lighting

color

Introducing the ***Architectural Lighting Designer's Tool Kit***—essential products from the lighting professionals at High End Systems.

STUDIO COLOR®

automated wash luminaire

The STUDIO COLOR™ automated wash luminaire...

Color, motion, and beam shape come under total control in a powerful and practical new fixture.

Exclusively for use in Cyberlight, LithoPatterns® high-resolution glass gobos provide customizable, photo-quality image projection.

CYBERLIGHT®

automated luminaire

The CYBERLIGHT® automated luminaire is the world's most sophisticated, versatile pattern and effects fixture, combining unprecedented light power with stunning optical capabilities.

WINNER, *"Entertainment Lighting Product '96," Lighting Dimensions International 1996*

WINNER, *"Product Innovation," Professional Lighting & Sound Association 1996*

WINNER, *"New Lighting Product of the Year," LIVE! Magazine 1996 Awards*

texture

ecodome

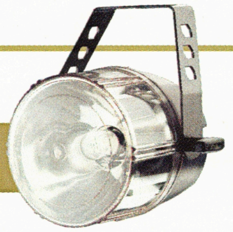
architectural housing

WINNER, *"Architectural Lighting Product '96," Lighting Dimensions International 1996.*

Ecologically attractive and weather-resistant, the Ecodome™ modular architectural housing unit is U.L. approved for outdoor use with Studio Color and Cyberlight luminaires.

DATAFLASH AF1000

xenon strobe fixture



A quantum leap in strobe technology. Brilliant new technical advances place AF1000 in a class by itself as not only an ultra high power flash system, but also as a continuous illumination source.

light

Studio Color and Ecodome offer the ArchiTEXTURAL designer total control over form, color, texture and movement.

To contact the best customer service department in the industry, call 1.800.890.8989 or fax 1.512.834.9195

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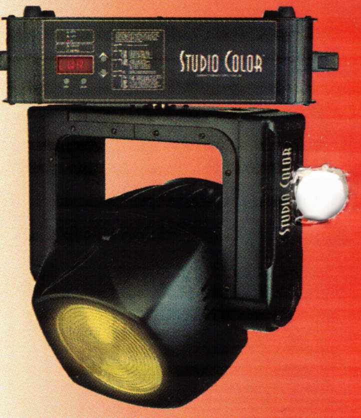
High End SYSTEMS
LIGHTING·WORLD·WIDE ®

High End Systems: ***WINNER,*** *"Equipment Manufacturer of the Year '96," Performance Magazine*

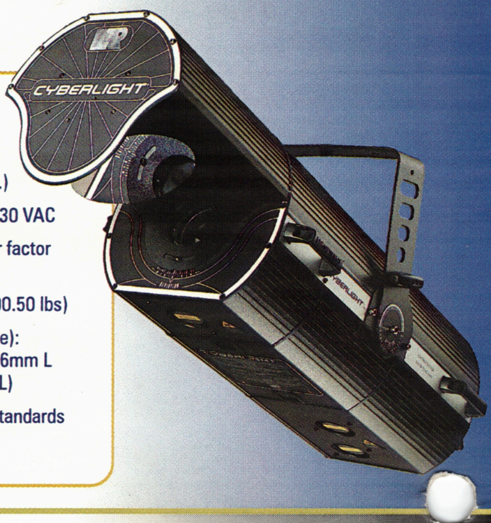
Specifications subject to change without notice.

Studio Color® "S" Automated Wash Luminaire



- High output MSR 575/2 discharge light source (6200K color temperature)
- Rotatable, variable beam shaping gives full control over soft-edge shuttering
- No fans—convection cooled for quiet operation via integrated heatsink/reflector combination
- Selectable beam angle from 8° to 22°
- Smooth dichroic subtractive color mixing system
- Six position color wheel with replaceable dichroic filters
- Yoke movement of 370° pan and 240° tilt with full 16 bit resolution
- Color correction filters may be fitted in the color wheel (Full CTO fitted as standard)
- Accessory PAR type lenses are available providing WFL and XWFL PAR beams
- Variable frost
- Auto sensing supply voltage selection (100 to 230 VAC, 50/60Hz)
- Auto power saving lamp idle mode cuts lamp power to 50% when shutter is closed.
- Easy, quick lamp replacement
- All functions controllable via DMX-512 protocol
- Integral AC power switch/breaker
- Silent, flicker free electronic lamp power supply with quick, unipolar ignition.
- Recommended breaker use: 4 units per 20 A @ 230 VAC.
- ETL, CETL, and CE approved
- Weight: 25.9 kg (57 lbs)
- Dimensions with lamp head in full down position: 483mm W x 653mm H x 305mm D (19" W x 25.7" H x 12" D)
- Recommended controllers: Lightwave Research LCD lighting controller, Lightwave Research Status Cue lighting console or any DMX-512 compatible controller.

Cyberlight® Automated Luminaire

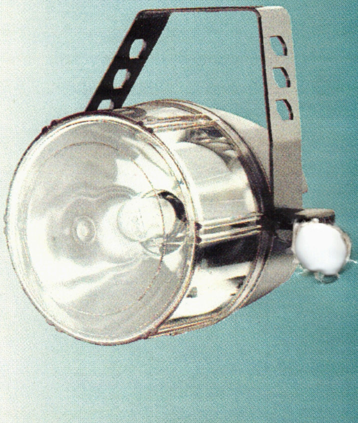


- 1200W, 5600° Kelvin high intensity light source
- MSR lamp technology improves output-to-age-ratio with exceptional color stability throughout life
- Computer designed optical components for maximum light efficiency
- Motorized variable frost
- Field angle up to 36°
- Motorized variable zoom
- Selectable diffusion
- Infinitely variable dichroic subtractive color mixing system
- Full optical dimming and fade to black
- Eight position indexed color wheel with a versatile selection of richly saturated dichroic colors plus white
- Eight position indexed gobo system now offers all glass, replaceable LithoPatterns™ gobos
- Four bi-directional variable speed rotating gobos
- Custom rotating gobo assemblies of metal and glass substrates may be used (4mm maximum thickness)
- Standard and optional LithoPatterns™ high resolution glass gobos deliver customizable, photo-quality image projection
- Operating voltage: 200 to 240 VAC 50/60 Hz (incl. 208 V 60 Hz.)
- Current consumption: 8A @ 230 VAC
- Equipped with integral power factor correction
- Weight (incl. yoke): 45.6 kg (100.50 lbs)
- Dimensions (without yoke): 317mm H x 330mm W x 1066mm L (12.5" H x 13" W x 42" L)
- Built to comply with rigid IEC standards

Ecodome™ Architectural Housing

- Weather resistant modular outdoor housing system designed exclusively for High End's Studio Color® and Cyberlight® lighting fixtures
- Attractive, elegant ergonomic styling and color blends in well with existing architecture
- Rotationally molded, neutral gray, high density polymer base
- Glanded connection ports for above or below ground wiring
- Secured via internal bolts for high theft resistance
- Easy access for installation and maintenance via tamper-proof hardware
- Available in 115 or 230 VAC 50/60 Hz versions
- Filtered forced air ventilation enables Ecodome to work in almost any climate
- Temperature rating: -6.7° C (-20° F) to 40° C (104° F.)
- Self resetting thermal protection
- Uses standard air filters
- High impact, UV resistant, clear polycarbonate dome
- Designed to meet ETL, CETL and CE requirements
- Weight of Studio Color Ecodome without fixture inside: 32 kg (72 lbs)
- Overall dimensions of Studio Color Ecodome: 0.80 m (31.5") dia. x 1.15 m (45.2") deep
- Weight of Cyberlight Ecodome without fixture inside: 41 kg (92 lbs)
- Overall dimensions of Cyberlight Ecodome: 0.80 m (31.5") dia. x 1.73 m (68") deep
- Optional custom colors available

Dataflash AF1000® Xenon Strobe Fixture



- Maximum continuous flash power: 25,000 Joules, duty cycle microprocessor regulated
- Will emit light continuously from one second (highest power) to continuously illuminated (lower power).
- Single flash power: 100 Joules
- Maximum flash rate: 120 FPS at 60 Hz 100 FPS at 50 Hz
- Color temperature: 5600° Kelvin
- Lamp life: Standard setting: 2M flashes @ 30 Joules • Architectural setting: 8M flashes @ 30 Joules per flash • Special effect setting: 4M flashes @ 60 Joules
- Personality switch setting and selection of flash tube enables stand alone, standard, architectural, or special effect operation
- Operational and communication modes: AF1000 uses up to three DMX channels per fixture for DMX control over any combination of rate, duration and intensity in seven DMX modes
- 64 levels of intensity (dimming), 64 levels of rate and 64 levels of duration are provided
- Up to 512 fixtures may be individually addressed
- Quick lamp replacement
- Every fixture has data active, status, and power LEDs, giving the user access to the fixture's built in self diagnostic facility
- 3-phase system capability
- Auto voltage sensing from 100 VAC to 240 VAC, 50/60 Hz
- Self resetting thermal shutdown
- Current consumption adjustable
- Maximum current consumption: 20 Amps
- Weight: 1.9 kg (4.2 lbs)
- Dimensions: 241mm length x 213mm diameter (9.5" length x 8.4" diameter)